

VALID

Pat. No. 05662477 - 8
Issue Date: 10/07/02

Group ID: A
User ID: Kswall

Page 1
KS: 1,407

Warning [Pages Of US References:]

page 2 has no references
page 4 has no references
page 6 has no references

Warning [Pages Of Foreign References:]

page 1 has no references
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page 4 has no references
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Warning [Pages Of Other References:]

page 1 has no references
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page 5 has no references

Warning [Inventor Names Versus Inventors:]

the inventors at position 7 do not match because the first
name(Kazuhiko) from the oath does not match the first
name(Kishimoto) from checklist

Warning [Blue Slip Sub Class Versus Sub Class:]

has SubClass from Blue Slip that does not match SubClass from Jacket

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QA

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Page 7

IEEE Journal of Selected Areas in Communications, vol. 13, No. 9, Dec.
1995.

CHECK LIST

Rule 47 Continuing Data PCT Disclaimer

No No No No

Microfiche Appendix CPA tag

No No

Foreign Priority Claimed: Yes

Acknowledged: Yes

State Code: Country Code: JPX

Text Endorsement: 09159386.092398

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JACKET

<u>SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>GAU</u>
09/159,386	09/23/98	375	310	2634

FOREIGN PRIORITY

<u>Country</u>	<u>Document Number</u>	<u>Date</u>
JPX	9-264135	09/29/97
JPX	10-016969	01/29/98

DISCLAIMER

/ /

TITLE

Communication systems, ^{sender} transmitter and receiver

MICROFICHE APPENDIX

ASSISTANT EXAMINER:

First: Middle: Last:

Dac V. Ha

PRIMARY EXAMINER:

First: Middle: Last:

QA See Paper #17
please verify

Stephen

Chin

CLAIMS ALLOWED
Total Print

42 1

DRAWINGS See Paper # 17
Sheets Figures Print

15 16 Y

*Editors
Pro.*

BLUE SLIP INFORMATION

SERIAL NUMBER CLASS SUBCLASS GAU
09/159,386 375 267 2634

INDEP. CLAIMS

1,7,8,10,23,40

TOTAL CLAIMS

42

BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION

Class SubClass

H04L 1/02

CROSS-REFERENCES

Class SubClass

375 285;296;299;347;349

370 281;318;343;480

455 104;226.2;226.3

TERM EXTENSION

0

FIELD OF SEARCH

Class SubClass

375 260;264-267;285;286;287;288;295;296;299;347;349 ✓
370 281;295;319;343;480 ✓
455 101;104;115;226.2;226.3;269 ✓

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OATH

INVENTOR NAME

First: Middle: Last: Signed:
Masahiro Maki Yes
City: Iizuka
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:
Shoichi Koga Yes
City: Fukuoka-ken
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:
Satoshi Shinozaki Yes
City: Kukuoka-ken
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:
Yuji Igata Yes
City: Tsukushino
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Satoshi ✓ Middle: Last: Hasako ✓ Signed: Yes
City: Iizuka ✓
State: ZIP Code: Country: JPX ✓ Foreign ZIP:

INVENTOR NAME

First: Michinori ✓ Middle: Last: Kishimoto ✓ Signed: Yes
City: Iizuka ✓
State: ZIP Code: Country: JPX ✓ Foreign ZIP:

INVENTOR NAME

First: Kazuhiko OK ✓ Middle: Last: Tamesue ✓ Signed: Yes
City: Kukuoka-ken ✓
State: ZIP Code: Country: JPX ✓ Foreign ZIP:

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PCT INFO
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CONTINUING DATA (Page 1)

LINE CODE SERIAL NUMBER FILING DATE STATUS DOCUMENT NO. ISSUE DATE
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REFERENCES (Page 1) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
*6,415,005	07/2002	Koga et al.	375	219 ✓
No issue date available.				

*6,308,054 10/2001 Ogino et al.
No issue date available.

-455 - 134- ✓

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 2) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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FOREIGN REFERENCES

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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 3) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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*6,215,777 04/2001 Chen et al. 370 335 ✓
No issue date available.

5,504,783 04/1996 Tomisato et al. 370 482 ✓

5,283,780 02/1994 Schuchman et al. 370 312 ✓

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 4) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

The Communications Handbook by Jerry D. Gibson, 1996, p. 216.

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REFERENCES (Page 5) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
6,005,893	12/1999	Hyll	375	260
5,682,376	10/1997	Hayashino et al.	370	206
*6,246,725	06/2001	Vanzieleghem et al.	375	295
No issue date available.				
*6,198,778	03/2001	Mestdagh	375	296
No issue date available.				
*6,044,106	03/2000	Suzuki	375	219
No issue date available.				
5,790,550	08/1998	Peeters et al.	370	480

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 6) SERIAL NUMBER: 09/159,386
FORM 1449

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

[37 Overlapped Discrete Multitone Modulation for High Speed Copper Wire Communications]38 , Stuart D. Sandberg and Michael A. Tzannes.

VALID

Pat. No. 05662477 - 8
Issue Date: 10/07/02

Group ID: A
User ID: pcjenni

Page 1
KS: 1,402

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Dac	V.	Ha
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<u>First:</u>	<u>Middle:</u>	<u>Last:</u>
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